

Table 2-1. Comparison of Alternatives by Ability to Meet Purpose and Need

Purpose and Need	Alternatives			
	Proposed Action	No-Action	TSM/TDM	Transit
Infrastructure Deficiencies	<ul style="list-style-type: none"> Replace bridges Repair pavement Improve drainage 	<ul style="list-style-type: none"> Repair bridges as needed Repair pavement as needed 	<ul style="list-style-type: none"> No changes to existing conditions 	<ul style="list-style-type: none"> No changes to existing conditions
Operational Deficiencies	<ul style="list-style-type: none"> Increase shoulder and median widths on mainline and ramps Add auxiliary lanes Increase lane widths on ramps Increase storage capacity on ramps Correct deficient superelevation 	<ul style="list-style-type: none"> No changes to existing conditions 	<ul style="list-style-type: none"> No changes to existing conditions 	<ul style="list-style-type: none"> No changes to existing conditions
Traffic Flow / Congestion	<ul style="list-style-type: none"> Increase capacity with additional travel lane on mainline Improve traffic flow with additional travel lane and auxiliary lane Provide LOS D for majority of I-80 through 2030 design year 	<ul style="list-style-type: none"> Increased traffic congestion from anticipated travel demand LOS E/F for I-80 by 2030 design year 	<ul style="list-style-type: none"> No impact expected on congestion on I-80 	<ul style="list-style-type: none"> No impact expected on congestion on I-80
Safety	<ul style="list-style-type: none"> Provide typical section consistent with AASHTO guidelines for lane widths, shoulder widths, medians, and clear zone infringements Improving traffic flow at interchanges by adding auxiliary lane Decreasing congestion that contributes to high accident rate by lengthening ramp acceleration/ deceleration lanes 	<ul style="list-style-type: none"> Increased traffic congestion contributing to higher accident rates No changes to existing typical section 	<ul style="list-style-type: none"> No changes to existing typical section No impact on expected congestion 	<ul style="list-style-type: none"> No changes to existing typical section No impact expected on congestion